

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_035
Date: 4-Jun-17
Blast Time: 11:37
Blast Sign Activation: 7:40
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 518 m
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloud
Wind Speed: 9 km/hr
Wind Direction: S
Temperature: 18.7 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due to blast siren

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extendicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	52.8 LAeq	97.0 dB
Edwards:	44.3 LAeq	98.4 dB
Fred:	45.8 LAeq	97.2 dB
Hollinger Office:	51.8 LAeq	105.3 dB
Noah:	62.1 LAeq	106.3 dB
Sandy:	44.5 LAeq	106.8 dB
Water Tower:	49.0 LAeq	113.6 dB
Wilson:	45.3 LAeq	106.5 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.7	8.4	20.2	25.5
Edwards:	4.3	4.8	6.1	7.4
Hollinger Office:	8.3	10.5	10.9	18.7
Hollinger Park:	5.4	7.2	9.3	11.9
Sandy:	4.1	4.8	2.8	4.7

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	4.3	21.3
Edwards:	0.3	0.8
Hollinger Office:	8.2	25.7
Hollinger Park:	0.9	1.8
Sandy:	0.8	1.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.3	0.2	0.2
Hollinger West:	1.0	0.7	0.9
Imerys:	0.4	0.4	0.5
Noah:	0.5	0.4	0.5
Moneta Pumping Station:	0.6	0.7	0.5
Sandy:	1.4	1.0	1.3
Water Tower:	1.2	0.6	1.3
Wilson:	3.2	2.0	2.7